## **EAST Search History**

## EAST Search History (Prior Art)

| Ref Hits<br>#<br>L1 6682 |      | Search Query  | DBs   | Default<br>Operator | Plurals             | Time Stamp 2010/05/28 20:27 |  |
|--------------------------|------|---|---|---------------------|---------------------|-----------------------------|--|
|                          |      | (502/305 502/311-<br>313 502/316<br>502/321 502/324-<br>326 502/338<br>502/353).cds.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON                  |                             |  |
| L2                       | 3160 | of 1 and (vanadium V metavanadate metatungstate niobium Nb tantalum Ta Fihenium Re rhodium Ph cobalt Co iron Fe manganese Mn molvbdenum Mb) |   | ON                  | 2010/05/28<br>20:30 |                             |  |
| L3                       | 80   | 2 and nanoparticle  | USPAT   | OR                  | ON                  | 2010/05/28<br>20:30         |  |
| L4                       | 24   | 3 and surfactant  | USPAT   | OR                  | ON                  | 2010/05/28<br>20:30         |  |
| L5                       | 19   | 4 and porous  | USPAT   | OR                  | ON                  | 2010/05/28<br>20:31         |  |
| L6                       | 8    | 5 and gel   | USPAT   | OR                  | ON                  | 2010/05/28<br>20:31         |  |
| L7                       | 11   | 4 and gel   | USPAT   | OR                  | ON                  | 2010/05/28<br>20:51         |  |
| L8                       | 3    | 7 not 6   | USPAT   | OR                  | ON                  | 2010/05/28<br>20:51         |  |
| L9                       | 11   | 5 not (7 or 6)  | USPAT   | OR                  | ON                  | 2010/05/28<br>20:54         |  |
| L10                      | 0    | 5 and aerogel   | USPAT   | OR                  | ON                  | 2010/05/28<br>20:55         |  |
| L11                      | 0    | 5 and xerogel   | USPAT   | OR                  | ON                  | 2010/05/28<br>20:55         |  |

| L14 | 5665 | 1 and (vanadium V metavanadate metatungstate niobium Nb tantalum Ta Rhenium Re rhodium Rh rubidium Ru cobalt Co iron Fe manganese Mn molybdenum Mb) | US-POPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/28<br>20:56 |
|-----|------|---|---|----|----|---------------------|
| L20 | 194  | 14 and nanoparticle   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/28<br>20:58 |
| L21 | 52   | 20 and surfactant   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/28<br>20:58 |
| L22 | 60   | 20 and nanoparticle<br>and catalyst and gel   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/28<br>20:58 |
| L23 | 52   | 22 not 5  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/28<br>20:58 |
| L24 | 35   | 23 and porous   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/28<br>20:59 |

## EAST Search History (Interference)

| Ref # | Hits | Search | Query | { | Default<br>Operator | Plurals | Time Stamp |
|-------|------|--------|-------|---|---------------------|---------|------------|
|       |      |        |       |   |                     |         |            |

| L12      | 3988 | (502/305 502/311-<br>313 502/316 502/321<br>502/324-326 502/338<br>502/353).ccls.   | USPAT;<br>UPAD | OR | ON | 2010/05/28<br>20:55 |
|----------|------|---|----------------|----|----|---------------------|
| L13 3184 |      | 12 and (vanadium V metavanadate metatungstate niobium Nb tantalum Ta Rhenium Re rhodium Rh rubidium Ru cobalt Co iron Fe manganese Mn molybdenum Mb)  | USPAT;<br>UPAD | OR | ON | 2010/05/28<br>20:56 |
| L15      | 2572 | 12 and (vanadium V metavanadate metatungstate niobium No tantalum Ta Rhenium Re rhodium Rh rubidium Ru cobalt Co iron Fe manganese Mn molybdenum Mb). | USPAT;<br>UPAD | OR | ON | 2010/05/28<br>20:56 |
| L16      | 0    | 15 and (catalyst and nanoparticle and gel). clm.  | USPAT;<br>UPAD | OR | ON | 2010/05/28<br>20:57 |
| L17      | 2250 | 15 and catalyst.clm.  | USPAT;<br>UPAD | OR | ON | 2010/05/28<br>20:57 |
| L18      | 97   | 17 and gel.clm.   | USPAT;<br>UPAD | OR | ON | 2010/05/28<br>20:57 |
| L19      | 0    | 18 and nanoparticle. clm.   | USPAT;<br>UPAD | OR | ON | 2010/05/28<br>20:57 |

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